## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3704	(broadcast\$4 with (intensity (signal near3 strength)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:12
L2	1067	(broadcast\$4 with (measur \$4 detect\$4) with (intensity (signal near3 strength)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:12
L3	146	(broadcast\$4 with (measur \$4 detect\$4) with (intensity (signal near3 strength))) with select\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:13
L4	149609	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:13
L5	68	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:13
L6	25	(broadcast\$4 with (measur \$4 detect\$4) with (intensity (signal near3 strength))) with (before prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:14
L7	56	(broadcast\$4 with (intensity (signal near3 strength))) with (before prior) with receiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:16

S1	1	"10590015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:47
S2	117943	(MIWA NEAR3 KOSHIJIMA) (YUUICHI NEAR3 TANEYA) EPSILON	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:48
S3	6	(MIWA NEAR3 KOSHIJIMA) (YUUICHI NEAR3 TANEYA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:48
S4	0	("2008/0020740").URPN.	USPAT	OR	OFF	2008/10/01 13:49
S5	6	JP-2001285101-\$.DID. OR JP-2003037785-\$.DID. OR JP-2003273759-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/01 13:58
S6	226	(ALARM SAME BROADCAST).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08
S7	355963	"455"/.CLAS. "370"/.CLAS. "379"/.CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08
S8	65	S6 AND S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08
S9	157	379/48.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:15

S10	24	S9 AND (BROADCAST)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:15
S11	13	S9 AND (BROADCAST SAME ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:16
S12	8	S9 AND (BROADCAST WITH ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:16
S13	1	S9 AND (BROADCAST WITH (PRESET PRE\$1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:17
S14	14964	7AND (BROADCAST WITH (PRESET PRE\$1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18
S15	1603	S7 AND (BROADCAST WITH (PRESET PRE\$1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18
S16	46	S15 AND (BROADCAST WITH ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18
S17	0	("2007/0243850").URPN.	USPAT	OR	OFF	2008/10/01 15:18
S18	89	455/166.2.CCLS.	USPAT	OR	OFF	2008/10/01 15:25
S19	106	455/166.2.COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:25

S20	7	S19 AND (BROADCAST\$5 WITH (ALARM PRESET PRE \$1SET AUTOMATIC TIMED) WITH (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:26
S21	1209	S7 AND (BROADCAST\$5 WITH (ALARM PRESET PRE \$1SET AUTOMATIC TIMED) WITH (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:28
S22	482	S7 AND (BROADCAST\$5 NEAR5 (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) NEAR5 (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:29
S23	105	S22 AND (SIGNAL WITH (QUALITY STRENGTH))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:29
S24	4536	(BROADCAST\$5 WITH (ALARM PRESET PRE \$1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38
S25	3048	455/414.1.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38
S26	20	S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38
S27	317	((begin\$4 start\$4 activat \$4) with BROADCAST\$5 WITH (ALARM PRESET PRE \$1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:41
S28	139188	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:41

S29	81	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:42
S30	178	alarm near5 radio near5 broadcast\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:46
S31	37	S28 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:46
S32	5	("20030224762"   "20040266398"   "6492912"   "6850839"   "6993351").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:47
S33	3221	455/550.1.cdls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:50
S34	7	S33 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:50
S35	7	S34 and ( (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:51
S36	78	(preset pre\$1set timed alarm) with (radio audio) with activat\$4 with (broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:59
S37	43	(event) with (radio audio) with activat\$4 with (broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:02
S38	12	S28 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:02
S39	1	2002-006939.NRAN.	DERWENT	OR	OFF	2008/10/01 16:09

S40	1	2003-718171.NRAN.	DERWENT	OR	OFF	2008/10/01 16:09
S41	0	("2008/0020740").URPN.	USPAT	OR	OFF	2008/10/01 16:12
S42	1	h5-22172	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:13
S43	57	(alarm near5 broadcast\$5 near5 function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:15
S44	540	(broadcast with station with zone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21
S45	218	S28 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21
S46	87	S45 and (signal with (strength quality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21
S47	29	(mobile wireless) with (alarm) with (broadcast\$4) with (audio fm am)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:28
S48	2658	(radio with receiver with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:49
S49	139366	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50

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S50	362	S49 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S51	816	(radio adj3 receiver) near5 alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S52	141	S49 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S53	37	(radio near5 broadcast near5 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:32
S54	0	(radio near5 broadcast near5 threshold near5 alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:32
S55	0	(radio near5 broadcast near5 threshold with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S56	0	((radio near5 broadcast near5 threshold) with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S57	4	((radio near5 broadcast near5 threshold) with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S58	8	((radio near5 broadcast near5 threshold) near5 below)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33

S59	100	((radio near5 broadcast ) near5 below)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35
S60	100	S59 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35
S61	32	S49 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35
S62	185	455/3.04.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 11:32
S63	596	455/525.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:47
S64	155	S63 and ((strongest highest) with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:48
S65	136	S63 and ((strongest highest) near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:48
S66	185	455/3.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:49
S67	7	S66 and ((strongest highest) near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:49

S68	0	S66 and (location with detect\$4 with (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51
S69	32	S66 and (location with (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51
S70	26	S66 and (location near7 (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51
S71	12	S66 and (location near7 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:54
S72	571	(location near7 (determin \$4) near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:57
S73	404	(location near7 request\$4 near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:58
S74	2	S73 and (S63 or S66)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:58
S75	2	"7330729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:59
S76	3	S66 and (position\$4 near7 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:00

S77	40	((location position) near6 via near7 request\$4 near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:01
S78	2	"7330729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:19
S79	36472	(location position\$4) with information with (bs (base adj2 station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:27
S80	11	S79 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:28
S81	20783	((position\$4 location) adj5 (bs (base adj2 station))) with ((position\$4 location) near5 (wireless ms mobile device terminal ue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:35
S82	823	455/404.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:36
S83	177	S81 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:36
S84	1	"10438563"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 16:15

S85	18	("20020159387"   "20030027572"   "20030148771"   "20030157945"   "20040203770"   "20040248546"   "20050192024"   "5305466"   "5369681"   "5953667"   "6052591"   "6058308"   "6138025"   "6230017"   "6542716"   "6584316"   "6625461"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/02 16:15
S86	2617	receiv\$4 with broadcast with before	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
S87	682	receiv\$4 with broadcast with before with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
S88	85	receiv\$4 with broadcast with before with set with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
S89	6	receiv\$4 with broadcast with before with alarm with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:55
S90	3	receiv\$4 with broadcast with before with begin\$4 with set with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:58
S91	12	receiv\$4 with broadcast with before with begin\$4 with program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:00
S92	0	receiv\$4 with broadcast with before with begin\$4 with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:03

S93	11	receiv\$4 with broadcast with before with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:03
S94	156	receiv\$4 with broadcast with before with predetermined	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:04
S95	83	receiv\$4 with station with before with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:12
S96	25	receiv\$4 with station with before with alarm with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:12
S97	1757	ALARm near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:39
S98	105	ALARm near5 (set plurality) near5 broadcast \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:39
S99	41	time near5 ALARm near5 (set plurality) near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:39
S100	15	time near5 ALARm near5 before near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:42
S101	3	receiv\$4 near5 ALARm near5 before near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:43

S102	33	shibamura near3 yosuke	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:44
S103	1236	broadcast\$4 near5 receiv \$4 near5 before	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:44
S104	8	broadcast\$4 near5 receiv \$4 near5 before near5 (alarm (set near3 (time)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:45
S105	143	broadcast\$4 near5 receiv \$4 near5 before near5 (time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:46
S106	21	broadcast\$4 near5 receiv \$4 near5 before near5 (time) near5 (set predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:46
S107	21	broadcast\$4 near5 receiv \$4 near5 before near5 (alarm time) near5 (set predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:46
S108	25	broadcast\$4 near5 receiv \$4 near5 (previous before) near5 begin\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:48
S109	2	broadcast\$4 with alarm with receiv\$4 with before with (begin\$4 start\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:52
S110	278	broadcast\$4 with (set time alarm) with receiv\$4 with before with (begin\$4 start \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:52

S111	191	broadcast\$4 with receiv\$4 with before with (begin\$4 start\$4) near5 (set time alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:53
S112	136	broadcast\$4 with receiv\$4 with ((previous before) near5 (begin\$4 start\$4) near5 (set time alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:54
S113	35	broadcast\$4 near5 receiv \$4 near5 ((previous before) near5 (begin\$4 start\$4) near5 (set time alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:54
S114	5	broadcast\$4 near5 tun\$4 near5 ((previous before) near5 (begin\$4 start\$4) near5 (set time alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 15:59
S115	1	broadcast\$4 near5 tun\$4 near5 receiv\$4 near5 ((previous before) near5 (alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:01
S116	1	broadcast\$4 near5 tun\$4 near5 receiv\$4 near5 ((previous before) near5 (alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:01
S117	18	broadcast\$4 near5 tun\$4 near5 receiv\$4 near5 (alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:02
S118	38	broadcast\$4 near5 tun\$4 near5 (alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:04
S119	21	S118 not S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:04

S120	75	tun\$4 near5 ((previous before) near5 (begin\$4 start\$4) near5 (set time alarm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:05
S121	0	tun\$4 near5 ((previous before) near5 (begin\$4 start\$4) near5 ( alarm) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:06
S122	10	receiv\$4 near5 ((previous before) near5 (begin\$4 start\$4) near5 ( alarm) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:06
S123	459	alarm near5 broadcast\$4 near5 receiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:07
S124	388	tun\$4 near5 (previous before) near5 (begin\$4 start\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:07
S125	116	broadcast\$4 near5 (receiv \$4 tun\$4) near5 (previous before) near5 (begin\$4 start\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:08
S126	2	S123 and S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:08
S127	0	S123 and S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:08
S128	11	S123 and (broadcast\$4 near5 (receiv\$4 tun\$4) near5 (previous before))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:09

S129	1757	alarm near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:12
S130	149338	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:12
S131	238	S129 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:12
S132	36	alarm near5 broadcast\$4 near5 (previous before)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:12
S133	60	(preset pre\$1set) with broadcast\$4 with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:16
S134	78	broadcast\$4 with (receiv\$4 tun\$4) with (before previous) with (start4 begin \$4) with (set time alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:22
S135	0	"10590015"	USPAT	OR	OFF	2009/07/15 16:28
S136	0	"10/590015"	USPAT	OR	OFF	2009/07/15 16:28
S137	2	"20080020740"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 16:29
S138	2	(US-20010037507-\$ or US-20040139479-\$).did.	US-PGPUB	OR	OFF	2009/07/15 16:34

S139	0	S138 and (mobile phone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:34
S140	0	(signal near3 strength) near5 broacast\$4 same zone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:35
S141	0	((signal near3 strength) near5 broacast\$4) and zone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:36
S142	5724	play\$4 with broadcast\$4 with (alarm time set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:38
S143	292	S142 and (receiv\$4 with broadcast\$4 with (before previous))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:38
S144	124	S142 and (receiv\$4 with broadcast\$4 with (before previous) with (alarm set time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:39
S145	66	S142 and (receiv\$4 near3 broadcast\$4 with (before previous) with (alarm set time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:39
S146	435	(receiv\$4 near3 broadcast \$4 with (before previous) near5 (alarm set time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:40
S147	325	(receiv\$4 near3 broadcast \$4 with (before previous) near3 (alarm set time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:40

S148	325	(receiv\$4 near3 broadcast \$4 with ((before previous) near3 (alarm set time)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:41
S149	110		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:41
S150	22	US-6389593-\$.DID. OR US-6236395-\$.DID. OR US-6510555-\$.DID. OR US-20060105787-\$.DID. OR US-254565-\$.DID. OR US-20060242038-\$.DID. OR US-20030051246-\$.DID. OR US-20050136903-\$.DID. OR US-20040137902-\$.DID. OR US-20060271996-\$.DID. OR US-20060271996-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 16:43
S151	4	S150 and (broadcast\$4 with before)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/15 16:54
S152	4065	broadcast\$4 with (preset pre\$1set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:14
S153	790	455/3.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:14
S154	33	S152 and S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:14
S155	10	S154 and (prior before) with (start\$4 begin\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:14

S156	25	S154 and (prior before)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:15
S157	15	S156 not S155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:15
S158	149609	"455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:16
S159	574	S152 and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:16
S160	10	S154 and (prior before) with (start\$4 begin\$6) with (program broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2009/07/22 11:16
S161	36	S159 and (prior before) with (start\$4 begin\$6) with (program broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:16
S162	78	tun\$4 with (before prior) with (start\$4 begin\$5) with broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:00
S163	321	tun\$4 near5 (start\$4 begin \$5) near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:02
S164	149609	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:03

S165	51	S163 and S164	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:03
S166	98	tun\$4 near5 (start\$4 begin \$5) near5 broadcast\$4 near5 program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:03
S167	150	tun\$4 near5 receiv\$4 near5 (start\$4 begin\$5) near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:04
S168	42	tun\$4 near5 receiv\$4 near5 time near5 (start\$4 begin\$5) near5 broadcast \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:05
S169	3	tun\$4 near5 receiv\$4 near5 (before prior) near5 (start\$4 begin\$5) near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:07
S170	109	receiv\$4 near5 (before prior) near5 (start\$4 begin \$5) near5 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:08
S171	344	phone same alarm same broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:38
S172	688747	phone with alarm wit broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:38
S173	91	phone with alarm with broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:38

S174	67	fm with alarm with broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:40
S175	2	fm with alarm with broadcast\$4 with (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:40
S176	20	set with alarm with broadcast\$4 with (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:40
S177	4	US-20010029196-\$.DID. OR US-20040192407-\$. DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/22 14:41
S178	23	set with alarm with broadcast\$4 same (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:42
S179	3	S178 not S176	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:42
S180	82	set with alarm with broadcast\$4 and (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:42
S181	82	S180 not S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:42
S182	62	S180 not S176	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:42

S183	75	(time near5 alarm near5 broadcast\$4) and (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:44
S184	11356	alarm with (mobile phone cellphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:46
S185	35	(time near5 alarm near5 broadcast\$4) and S184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:46
S186	6	US-20050099893-\$.DID. OR US-5083123-\$.DID. OR US-4082557-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/22 14:49
S187	6	US-20050099893-\$.DID. OR US-5083123-\$.DID. OR US-4082557-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/22 14:52
S188	0	("2005/0099893").URPN.	USPAT	OR	OFF	2009/07/22 14:52
S189	16	20040235513-\$.DID. OR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/22 14:53
S190	88	alarm near3 time near3 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:55
S191	86	alarm near3 time near3 phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:22

S192	21	S191 and broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:22
S193	11	mobile near3 alarm near3 broadcast\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:30
S194	3	(US-20030040272-\$ or US- 20030125075-\$ or US- 20010037507-\$).did.	US-PGPUB	OR	OFF	2009/07/22 15:42
S195	2	S194 and (receiv\$4 with broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:42

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